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PTO/SB/21 (12-97)  
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## TRANSMITTAL FORM

*(to be used for all correspondence after initial filing)*

	Application Number	09/771,300	
	Filing Date	05/03/2001	
	First Named Inventor	Lee	
	Group Art Unit	3662	
	Examiner Name	Blum, T.	
Total Number of Pages in This Submission	10	Attorney Docket Number	PD-99W059

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund  <input type="checkbox"/> Remarks	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <input type="checkbox"/> - Postcard
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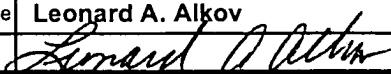
RE  
FEB 05 2004  
GROUP 3

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Leonard A. Alkov, Esq.
Signature	
Date	01/28/2003

### CERTIFICATE OF MAILING

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Date	January 28, 2003

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Attorney Docket No. PD-99W059

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
J. J. LEE et al  
Serial No. 09/771,300  
Filed: May 3, 2001  
For: CONFORMAL END-FIRE  
ARRAYS ON HIGH  
IMPEDANCE GROUND PLANE

Date: January 28, 2003

Group Art Unit: 3662

Examiner: T. Blum

Coker  
7-10-07

AMENDMENT

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Dear Sir:

This Amendment is hereby submitted in the hereinabove-identified Patent Application in response to Office Action, mailed July 31, 2002. Please consider the amendments to the Claims and the Remarks set forth herein.

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FEB 05 2004  
GROUP 3600

IN THE CLAIMS

Please cancel Claims 2, 4, and 7, 12, 13, 14, 17, and 19.

Please amend Claim 5 as follows:

5. (Amended) The antenna of Claim 20, wherein the metal plates have a hexagonal shape.

Please amend Claim 8 as follows:

8. (Amended) The array of Claim 20 wherein the radiating elements are spaced along the axis by one-quarter wavelength at a center frequency of operation for the array, and the array provides an end-fire beam in only one direction along the axis.

Please amend Claim 20 as follows:

20. (Amended) A conformal end-fire antenna, comprising:  
a high impedance ground surface structure, comprising an

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cont.